



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

---ooo:O:ooo---

In re Application of Group Art Unit: 1711
Kinzo KOREHISA, et al. Examiner: Bissett, Melanie D
Serial No. 09/925,475
Filed: August 10, 2001

For: MODIFIED POLYPROPYLENE, PROCESS FOR PREPARING MODIFIED
POLYPROPYLENE AND MODIFIED POLYPROPYLENE COMPOSITION

The Honorable Commissioner of Patents and Trademarks
United States Patent and Trademark Office
Washington, D. C. 20231

Sir:

DECLARATION UNDER 37 CFR 1.132

I, Naoya AKIYAMA, declare and state that:

1. In March, 1996, I graduated from Tokyo Institute of Technology, Department of Chemistry, and received a Master's degree from the same university.

I have been an employee of Mitsui Petrochemical Industries, Ltd., which has been named Mitsui Chemicals, Inc., since April 1996 and have been assigned to Materials Technology Group of Polyolefin Lab since October 2003.

2. I am a co-inventor of the invention described in the specification of the above-identified application.

3. I have carried out the following Experiments in order to fully support the scope of the presently claimed invention.

Experiment I

A modified polypropylene composition (A) was obtained in the same manner as in Example 23 of the specification, except that the amounts of the modified polypropylene (21) and the polypropylene (e) were changed to 60 parts by weight and 40 parts by weight, respectively. The evaluation results of the modified polypropylene composition are shown in Table A together with the results of Examples 23 and 24 of the specification.

Table A

| | Example 23 | Example 24 | Experiment I |
|--------------------------------------|------------|------------|--------------|
| Modified polypropylene composition | (1) | (2) | (A) |
| Polypropylene (wt%) | 20 | 10 | 40 |
| Type of modified polypropylene (wt%) | (21) 80 | (21) 90 | (21) 60 |
| MFR (g/10 min) | 1.8 | 1.6 | 2.0 |
| Melt tension (g) | 8 | 11 | 7 |

Experiment II

Foamed sheets having a thickness of 0.8 mm were produced in the same manner as in Example 26 of the specification, except that the modified polypropylene composition (1) was replaced

with the modified polypropylene composition (A). The foamed sheets were evaluated in the same manner as in Example 26. The results are shown in Table B together with the results of Examples 26 and 27 of the specification.

Table B

| | | Example 26 | Example 27 | Experiment II |
|-------------------|----------------------------|---------------|---------------|------------------|
| Foamed sheet | Expansion ratio (times) | 1.8 | 1.9 | 1.8 |
| | Appearance | A | A | A |
| | Shape of cell | Closed | Closed | Closed |
| Vacuum forming | Shape | A | A | A |
| | Appearance | A | B | A |

4. The undersigned declares further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.


This 3 day of December, 2003


Naoya AKIYAMA